

API 510 PRESSURE VESSEL INSPECTION REPORT

GENERAL INFORMATION

CLIENT:	Tourmaline Oil Corporation	REPORT NUMBER:	
PROJECT:		INSPECTION DATE:	3/1/2025
FACILITY:	Septimus Compressor Station	APPLUS JOB NO.:	4051051
LOCATION / LSD:	09-36-81-19W6M	ORIENTATION:	<input type="checkbox"/> Horizontal <input checked="" type="checkbox"/> Vertical
VESSEL NAME:	Glycol Contactor	STATUS:	<input type="checkbox"/> In-service <input checked="" type="checkbox"/> Out of Service
EQUIPMENT NO.:	T-710	INSPECTION TYPE:	<input type="checkbox"/> Regulatory <input checked="" type="checkbox"/> Inventory <input type="checkbox"/> VE <input type="checkbox"/> VI

PRESSURE VESSEL NAMEPLATE DATA

PROV. REG. NO.:	A0516851		CRN NUMBER:	R8686.2	
SERIAL NUMBER:	2004-7269-01		SIZE:		
MANUFACTURER:	ALCO GAS & OIL PRODUCTION EQUIP.		CODE PARAMETERS:	ASME VIII, Div. 1	
YEAR BUILT:	2004		MANWAY ACCESS:	NO	
RADIOGRAPHY:	RT-1		HEAT TREATMENT:	YES	
COATED:			CORR. ALLOWANCE:	0.125"	
SHELL THICKNESS:	0.930"		SHELL MATERIAL:	SA 516 70N	
HEAD THICKNESS:			HEAD MATERIAL:	SA 516-70N	
TUBE THICKNESS:			TUBE MATERIAL:		
TUBE DIAMETER:			TUBE LENGTH:		
DESIGN PRESSURE:	SHELL:	1415 PSI	OPERATING PRESSURE:	SHELL:	
	TUBES:			TUBES:	
DESIGN TEMPERATURE:	SHELL:	150 °F	OPERATING TEMPERATURE:	SHELL:	
	TUBES:			TUBES:	

PRESSURE VESSEL SERVICE INFORMATION

SELECT ALL THAT APPLY

☐ Sweet ☐ Sour ☐ Oil ☐ Gas ☐ Water ☐ Produced Water ☐ Steam ☐ LPG ☐ NGL ☐ Propane ☐ Condensate
☐ Glycol ☐ Amine ☐ Pulp ☐ Air ☐ Other

PRESSURE SAFETY VALVE (PSV) NAMEPLATE DATA

	PSV 1	PSV 2		PSV 1	PSV 2
PSV TAG NUMBER:			PSV SERIAL NO.:		
MANUFACTURER:			MODEL:		
LOCATION:			BLOCK VALVE:	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
SIZE:			CAPACITY:		
SET PRESSURE:			SERVICE DATE:		

INSPECTION INTERVAL

INSPECTION INTERVAL:		PSV SERVICE INTERVAL:	
DATE OF NEXT INSPECTION:			

REPORT CERTIFICATION

The signatures below certify that inspections/tests have been completed in accordance with the identified inspection strategy and that the specified equipment is considered fit for service until the date of next inspection.

	NAME	SIGNATURE	CERTIFICATION	DATE
INSPECTED BY:	Andrew Neis		API 510 # 48747 / IPV # 0880	March 1, 2025

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EXTERNAL INSPECTION

DESCRIPTION	CONDITION	COMMENTS
Insulation Verify sealed around manways, nozzles, no damage present, and there is no egress of moisture.		
External Condition Assess paint condition, areas peeling, record any corrosion, damage, etc. (record location, size and depth of corrosion or damage)		
Leakage Record any leakage at flanges, threaded joints, weep holes on repads, etc.		
Saddle/Skirt Assess condition of paint, fire protection, concrete. Look for corrosion, buckling, dents, etc. Look at vessel surface area near supports. Verify no signs of leakage at attachment to vessel and attachment welds are acceptable. Ground wire attached?		
Anchor Bolts Hammer tap to ensure secure. Look for cracking in treads or signs of deformation.		
Foundation Check for cracks, spalling, etc.		
Ladder / Platform Describe general condition, ensure support is secure to vessel, describe any hazards.		
Nozzle Assess paint, look for leakage, and ensure stud threads are fully engaged. Record any damage, deflection, etc. Are nozzles gusseted?		
Gauges Ensure gauges are visible, working, no leakage, and suitable for range of MAWP/ Temp.		
External Piping Ensure pipe is well supported. All clamps, supports, shoes, etc. in place. Look for evidence of structural overload, deflection, etc. Paint condition, external corrosion?		
Valving Ensure no leaks are visible. Valves are properly supported and chained if necessary.		
Sight Glasses, Bridles, Auxiliary Equipment Are sight glasses clean? Any leakage or concerning vibration? Ensure any added supports are intact.		
PSV Ensure PSV is set at pressure at or below that of vessel. Discharge piping is same size as inlet to valve and is properly supported and routed. Ensure no block valves between PSV and vessel or if there are they are locked open.		
VISUAL EXTERNAL SUMMARY:		
RECOMMENDATIONS:		
NCRs / CORRECTIVE ACTIONS / REPAIRS REQUIRED:		
SUMMARY OF NDE RESULTS:		

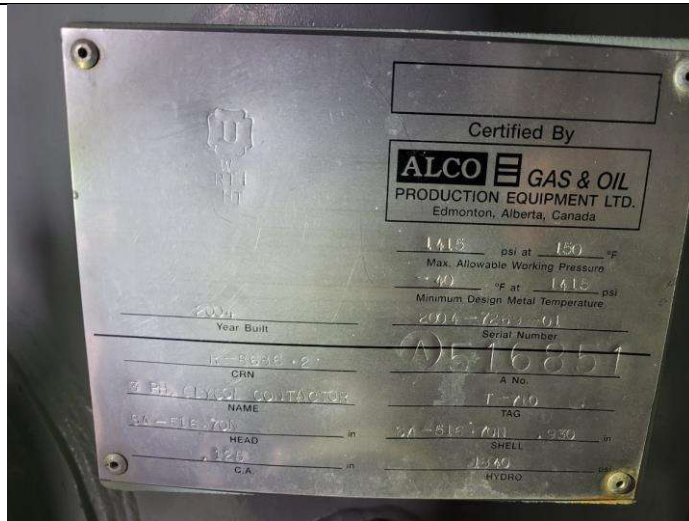
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PHOTOS



LSD

Skid Overview



Nameplate

Vessel overview